

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: Saan InletUTC DATE y/m/d: 00/05/04
CAST NUMBER: 10SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		NH4			02	
1	1				213	✓	✓	✓	✓				✓				0.0	
2	2				200	✓	✓										0.0	
3	3				175	✓	✓										0.072	
4	4				150	✓	✓										0.101	
5	5				125	✓	✓										0.072	
6	6				100	✓											1.419	
7	7				75	✓											3.122	
8	8				50	✓											4.652	
9	9				30	✓											5.314	
10	10				20	✓											5.208	
11	11				10	✓											5.751	
12	12				5	✓	✓	✓	✓				✓				8.729	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:Bottom Depth: 226

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1602
Bottom:		
End:		1636

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 48 35.74
LONG: 123 30.01

Comments:

ROSETTE LOG

MISSION ID: 2000 08
STATION NAME: LB16UTC DATE y/m/d: 2000/05/05
CAST NUMBER: 2

SHIP: JP TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		Phyto			
1	13	1291		B-60	1710	✓	✓	✓									1.023	
2	14	1292		1500	1500	✓	✓	✓									.896	
3	15	1293		1200	1200	✓	✓	✓									.388	
4	16	1294		1000	1000	✓	✓	✓									.275	
5	17	1295		800	800	✓		✓									.239	
6	18	1297		600	600	✓		✓									.415	
7	19	1298		500	500	✓		✓	✓				✓✓				.726	
8	20	1299		400	400	✓		✓									1.166	
9	21	1300		300	300	✓		✓	✓				✓✓				1.888	
10	22	1301		200	200	✓		✓	✓				✓✓				2.359	
11	23	1302		100	102	✓		✓	✓				✓✓				4.415	
12	24	1303		75	75	✓		✓									6.561	
13	25	1304		50	50	✓		✓	✓	✓			✓✓		✓		6.936	
14	26	1305 bubble		30	30	✓		✓	✓	✓			✓✓					
15	27	1306		20	21	✓		✓	✓	✓			✓✓				6.951	
16	28	1307		10	10	✓		✓	✓	✓			✓✓		✓		7.068	
17	29	1308		5	5	✓		✓	✓				✓✓				7.075	
18	30	1309		0	2	✓	✓	✓	✓	✓			✓✓				7.059	
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

Oxygen sample #26, very large air bubble in flask - not analyzed.

ENTERED BY:
CHECKED BY:

Oxy sensor 24

Bottom Depth: 1794

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1646
Bottom:		
End:		

START POSITION (GPS)		
LAT:	48 00.34	
LONG:	126 17.23	

BOTTOM POSITION (GPS)		
LAT:		
LONG:		

END POSITION (GPS)		
LAT:		
LONG:		

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LB 14UTC DATE y/m/d: 2000/05/05
CAST NUMBER: 4SHIP: J P TULLI

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		PH					
1	31	1322	0.460	B-20	1169	✓	✓	✓												
2	32	1323	0.312	1000		✓	✓	✓												
3	33	1324	0.241	800		✓	✓	✓												
4	34	1325	0.465	600		✓	✓	✓												
5	35	1326	0.670	500		✓			✓					✓✓						
6	36	1327	1.127	400		✓														
7	37	1328	1.741	300		✓			✓					✓✓						
8	38	1329	2.590	200		✓			✓					✓✓						
9	39	1330	4.665	100		✓			✓					✓✓						
10	40	1331	6.392	75		✓														
11	41	1332	6.803	50		✓			✓	✓				✓✓						
12	42	1333	7.222	30		✓			✓	✓				✓✓						
13	43	1334	7.192	20		✓			✓	✓				✓✓						
14	44	1335	7.038	10		✓			✓	✓				✓✓						
15	45	1336	7.021	5		✓			✓					✓✓						
16	46	1337	7.032	0		✓			✓	✓				✓✓						
17																				
18																				
19							✓	✓		✓										
20																				
21																				
22																				
23																				
24																				

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 1157

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1948Bottom: 2009End: 2053

START POSITION (GPS)

LAT: 48°08.54LONG: 125°59.74

BOTTOM POSITION (GPS)

LAT: 48°08.49LONG: 125°59.97

END POSITION (GPS)

LAT: 48°08.549LONG: 125°59.76

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LB12UTC DATE y/m/d: 2000/05/05
CAST NUMBER: 6

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY	CHL		C13		NH4				O2	Temp
1	47	1352			487	✓		✓	✓				✓				1819	
2	48	1353			400	✓		✓	✓								1015	
3	49	1354			300	✓		✓	✓				✓				1618	
4	50	1355			250	✓		✓	✓				✓				1979	
5	51	1356			200	✓		✓	✓				✓				2360	195
6	52	1357			175	✓		✓	✓				✓				2534	207
7	53	1358			150	✓		✓	✓				✓				2786	202
8	54	1359			125	✓		✓	✓				✓				3314	196
9	55	1360			100	✓		✓	✓				✓				4487	187
10	56	1361			75	✓		✓	✓				✓				6673	210
11	57	1362			50	✓		✓	✓				✓				6937	225
12	58	1363			30	✓		✓	✓				✓				6990	218
13	59	1364			20	✓		✓	✓				✓				7000	202
14	60	1365			10	✓		✓	✓				✓				7092	199
15	61	1366			5	✓		✓	✓				✓				7118	198
16	62	1367			0			✓	✓	✓			✓				7026	217
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 486

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		2306
Bottom:		
End:		

START POSITION (GPS)	
LAT:	48 12 95
LONG:	125 51.57

BOTTOM POSITION (GPS)	
LAT:	
LONG:	

END POSITION (GPS)	
LAT:	
LONG:	

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LB10

UTC DATE y/m/d: 2000/05/06
CAST NUMBER: 9

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		NH4				
1	63	1370		140	B-?	✓	✓	✓	✓					✓✓	.430	2509	checks	
2	64	1371			125	✓		✓	✓					✓✓		3023	205	
3	65	1372			100	✓		✓	✓					✓✓		4072	198	
4	66	1373			75	✓		✓	✓					✓✓		5864	198	
5	67	1374			50	✓		✓	✓	✓				✓✓		5973	208	
6	68	1375			30	✓		✓	✓	✓				✓✓		7050	205	
7	69	1376			20	✓		✓	✓	✓				✓✓		7083	213	
8	70	1377			10	✓		✓	✓	✓				✓✓		7005	209	
9	71	1378			5	✓		✓	✓					✓✓		7057	205	
10	72	1379			0	✓		✓	✓	✓				✓✓		6993	209	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 150

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0142
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 18 45
LONG: 125 41.20

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID:

2000-08

UTC DATE y/m/d:

2000/5/6

STATION NAME:

LDB

CAST NUMBER:

11

SHIP:

Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13	NH4				O ₂	Time
1	73	1322		135	127	✓		✓	✓				✓				1918	179
2	74	1323		125	125	✓		✓	✓				✓				1968	179
3	75	1324		100	101	✓		✓	✓				✓				3.215	206
4	76	1325		75	74	✓		✓	✓				✓				3.930	197
5	77	1326		50	49	✓		✓	✓				✓				4.654	197
6	78	1328		30	20	✓		✓	✓				✓				6.666	213
7	79	1328		20	21	✓		✓	✓				✓				7.137	208
8	80	1339		10	11	✓		✓	✓				✓				7.456	214
9	81	1334		5	5	✓		✓	✓				✓				7.342	198
10	82	1331		0	2	✓		✓	✓				✓				7.255	224
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0317

Bottom:

End:

START POSITION (GPS)

LAT: 48 25 20

LONG: 125 28.62

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 0000-0000

UTC DATE y/m/d: 2000/05/06

SHIP: Tully

STATION NAME: C1

CAST NUMBER: 22

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		NH4			
1	83	1291		0-20	140	✓	✓	✓	✓						✓		1.849	179
2	84	1292		100		✓	✓	✓	✓						✓		2.327	187
3	85	1293		75		✓		✓	✓						✓		3.424	213
4	86	1294		50		✓		✓	✓	✓			✓		✓		4.683	190
5	87	1295		30		✓		✓	✓	✓					✓		6.373	213
6	88	1297		20		✓		✓	✓	✓					✓		7.243	221
7	89	1298		10		✓		✓	✓	✓			✓		✓		7.367	212
8	90	1299		5		✓		✓	✓						✓		7.762	231
9	91	1300		0		✓		✓	✓	✓					✓		7.331	
10																		
11															✓			
12																		
13																		
14																		
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19																		
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21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 151

Cast # down: 22

Cast # up:

Time LOC UTC

Begin: 12:34

Bottom:

End: 12:50

START POSITION (GPS)

LAT: 4828.86

LONG: 12515.21

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 4828.80

LONG: 12514.91

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LB 06UTC DATE y/m/d: 2000/05/06
CAST NUMBER: 24SHIP: TullyNiskin Sample OXY. OXY. Sample
No. No. Flask Temp. DepthROSETTE OPERATION
Trip Confirmed
pressure SalinitySamples taken
SAL OXY NUT CHL ALK C13 TCO NAHO₂

Time

1	92	1301		D-20	105	✓		✓	✓	✓				✓				2173	182
2	93	1302		75		✓		✓	✓	✓				✓				3.238	210
3	94	1303		50		✓			✓	✓	✓			✓				4.971	201
4	95	1304		30		✓			✓	✓	✓			✓				6.434	193
5	96	1305		20		✓			✓	✓	✓			✓				6.798	202
6	97	1306		10		✓			✓	✓	✓			✓				6.962	219
7	98	1307		5		✓			✓	✓				✓				6.985	208
8	99	1308		0		✓			✓	✓	✓			✓				6.992	209
9																			
10																			
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23																			
24																			

Comments:

ENTERED BY:
CHECKED BY:

110

Bottom Depth: 112

Cast # down: 24

Cast # up:

Time	LOC	UTC
Begin:		1403
Bottom:		1406
End:		1417

START POSITION (GPS)
LAT: 48 32 07
LONG: 125 15 59

BOTTOM POSITION (GPS)
LAT: 48 32 02
LONG: 125 15 57

END POSITION (GPS)
LAT: 48 31 94
LONG: 125 15 63

ROSETTE LOG

MISSION ID: 2000-08

UTC DATE y/m/d: 2000/05/06

SHIP: TULLY

STATION NAME: LBO2

CAST NUMBER: 28

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		CI3		NH4				
1	108	1322		B-5	50	✓	✓	✓	✓	✓			✓				5.003	178
2	109	1323		30	30	✓		✓	✓	✓			✓				5.057	178
3	110	1324		20	20	✓		✓	✓	✓			✓				5.776	189
4	111	1325		10	10	✓		✓	✓	✓			✓				6.931	209
5	112	1326		5	5	✓		✓	✓				✓	par			7.282	184
6	113	1327		0	2	✓		✓	✓	✓			✓				7.208	243
7																		
8																		
9																		
10																		
11																		
12																		
13																		
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22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 55

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1632
Bottom:		1635
End:		1640

START POSITION (GPS)
LAT: 48 39 03
LONG: 125 02 57

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2000-09
STATION NAME: LB 04UTC DATE y/m/d: 2000/05/06
CAST NUMBER: 29SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY	CHL		C13		NH4				0 ₂	Time
1	100			8-5	104	✓	✓	✓					✓				3.121	209
2	101			75	75	✓	✓	✓					✓				4.236	194
3	102			50	51	✓		✓	✓				✓				6.032	201
4	103			30	30	✓		✓	✓				✓				6.176	196
5	104			20	18	✓		✓	✓				✓				5.944	209
6	105			10	9	✓		✓	✓				✓				6.916	213
7	106			5	4	✓		✓					✓				7.032	201
8	107			0	2	✓		✓	✓				✓				7.522	227
9																		
10																		
11																		
12																		
13																		
14																		
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22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 111.

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1718

Bottom:

End:

START POSITION (GPS)

LAT: 48 35.76LONG: 125 08.85

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Compaq Contour Computer
4/25 Kd #4

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: Saan InletUTC DATE y/m/d: 00/05/04
CAST NUMBER: 101SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO	X2				
								OXY		CHL		C13		NH4			02	
1	1				213	✓	✓	✓	✓					✓			0.0	
2	2				200	✓	✓										0.0	
3	3				175	✓	✓										0.72	
4	4				150	✓	✓										1.01	
5	5				125	✓	✓										1.072	
6	6				100	✓											1.419	
7	7				75	✓											3.122	
8	8				50	✓											4.652	
9	9				30	✓											5.314	
10	10				20	✓											5.208	
11	11				10	✓											5.751	
12	12				5	✓		✓	✓					✓			8.729	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 226

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1602
Bottom:		
End:		1636

START POSITION (GPS)	
LAT:	
LONG:	

BOTTOM POSITION (GPS)	
LAT:	
LONG:	

END POSITION (GPS)	
LAT:	48 35.74
LONG:	123 30.01

Comments:

ROSETTE LOG

MISSION ID: 2000 08
STATION NAME: LB16UTC DATE y/m/d: 2000/05/05
CAST NUMBER: 2

SHIP: J P TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		Phyto			
								OXY		CHL		C13		NH4				
1	13	1291		B-60	1710	✓	✓	✓									1.023	
2	14	1292		1500	1500	✓	✓	✓									.696	
3	15	1293		1200	1200	✓	✓	✓									.388	
4	16	1294		1000	1000	✓	✓	✓									.275	
5	17	1295		800	800	✓		✓									.239	
6	18	1297		600	600	✓		✓									.415	
7	19	1298		500	500	✓		✓	✓				✓	✓			.726	
8	20	1299		400	400	✓		✓									1.166	
9	21	1300		300	300	✓		✓	✓				✓	✓			1.888	
10	22	1301		200	200	✓		✓	✓				✓	✓			2.359	
11	23	1302		100	102	✓		✓	✓				✓	✓			4.415	
12	24	1303		75	75	✓		✓									6.561	
13	25	1304		50	50	✓		✓	✓	✓			✓	✓	✓		6.936	
14	26	1305 bubble		30	30	✓		✓	✓	✓			✓	✓				
15	27	1306		20	21	✓		✓	✓	✓			✓	✓			6.951	
16	28	1307		10	10	✓		✓	✓	✓			✓	✓	✓		7.068	
17	29	1308		5	5	✓		✓	✓				✓	✓			7.075	
18	30	1309		0	2	✓		✓	✓	✓			✓	✓			7.059	
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Oxy version 24

Bottom Depth: 1794

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1646

Bottom:

End:

START POSITION (GPS)

LAT: 48 00.34

LONG: 126 1723

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Oxygen sample #26, very large air bubble in flask - not analyzed

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LB 14UTC DATE y/m/d: 2000/05/05
CAST NUMBER: 4SHIP: J P TULLI

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		PH			
								OXY		CHL		C13		NAA				
1	31	1322	0.460	B-20	1169	✓	✓	✓										
2	32	1323	0.312	1000		✓	✓											
3	33	1324	0.241	800		✓	✓											
4	34	1325	0.465	600		✓	✓											
5	35	1326	0.670	500		✓			✓					✓✓				
6	36	1327	1.127	400		✓												
7	37	1328	1.741	300		✓			✓					✓✓				
8	38	1329	2.590	200		✓			✓					✓✓				
9	39	1330	4.665	100		✓			✓					✓✓				
10	40	1331	6.392	75		✓												
11	41	1332	6.803	50		✓			✓	✓				✓✓				
12	42	1333	7.222	30		✓			✓	✓				✓✓				
13	43	1334	7.192	20		✓			✓	✓				✓✓				
14	44	1335	7.038	10		✓			✓	✓				✓✓				
15	45	1336	7.021	5		✓			✓					✓✓				
16	46	1337	7.032	0		✓			✓	✓				✓✓				
17																		
18																		
19								✓	✓		✓							
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 1157

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1948
Bottom:		2009
End:		2053

START POSITION (GPS)	
LAT:	48°08.54
LONG:	125°59.74

BOTTOM POSITION (GPS)	
LAT:	48°08.49
LONG:	125°59.97

END POSITION (GPS)	
LAT:	48°08.549
LONG:	125°59.76

ROSETTE LOG

MISSION ID: 2000-08

STATION NAME: LB12

UTC DATE y/m/d:

CAST NUMBER:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 486

Cast # down:

Cast # up:

Time	LOC	UTC
------	-----	-----

Begin: 2306

Bottom:

End:

START POSITION (GPS)

LAT: 48 12 95

LONG: 125 5/57

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

[illegible]

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LB10

UTC DATE y/m/d: 2000/05/06
CAST NUMBER: 9

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		NH4				
1	63	1370		140	B-?	✓	✓	✓	✓					✓✓	.430	2509	check	
2	64	1371			125	✓		✓	✓					✓✓		3003	205	
3	65	1372			100	✓		✓	✓					✓✓		4072	198	
4	66	1373			75	✓		✓	✓					✓✓		5864	198	
5	67	1374			50	✓		✓	✓	✓				✓✓		5973	208	
6	68	1375			30	✓		✓	✓	✓				✓✓		7050	205	
7	69	1376			20	✓		✓	✓	✓				✓✓		7083	213	
8	70	1377			10	✓		✓	✓	✓				✓✓		7005	209	
9	71	1378			5	✓		✓	✓					✓✓		7057	205	
10	72	1379			0	✓		✓	✓	✓				✓✓		6997	209	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 150

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0142
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 18 45
LONG: 125 41.20

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID:

2000-08

UTC DATE y/m/d:

2000/5/6

SHIP:

Tully

STATION NAME:

LB8

CAST NUMBER:

11

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										O ₂	Time
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		NH4				
1	73	1322		125	127	✓		✓	✓					✓			1.918	179
2	74	1323		125	125	✓								1			1.968	179
3	75	1324		100	101	✓											3.215	206
4	76	1325		75	74	✓											3.930	197
5	77	1326		50	49	✓				✓							4.654	197
6	78	1328		30	30	✓				✓							6.666	213
7	79	1328		20	21	✓				✓							7.137	208
8	80	1329		10	11	✓				✓							7.456	214
9	81	1330		5	5	✓											7.342	198
10	82	1331		0	2	✓		✓	✓	✓				✓			7.255	224
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 134

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0317

Bottom:

End:

START POSITION (GPS)

LAT: 48 25 20

LONG: 125 28 62

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 0000-0000
STATION NAME: C1

UTC DATE y/m/d: 2000/05/06
CAST NUMBER: 22

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		NH4					
								OXY		CHL		C13		ph						
1	83	1291		0-20	140	✓		✓	✓	✓						✓			1.849	179
2	84	1292		100		✓		✓	✓	✓						✓			2.327	187
3	85	1293		75		✓			✓	✓						✓			3.424	213
4	86	1294		50		✓			✓	✓	✓			✓	✓				4.683	190
5	87	1295		30		✓			✓	✓	✓				✓				6.373	213
6	88	1297		20		✓			✓	✓	✓				✓				7.243	221
7	89	1298		10		✓			✓	✓	✓			✓	✓				7.367	212
8	90	1299		5		✓			✓	✓					✓				7.762	231
9	91	1300		0		✓			✓	✓	✓				✓				7.331	
10																				
11																✓				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY:
CHECKED BY:

Bottom Depth: 151

Cast # down: 22
Cast # up:

Time	LOC	UTC
Begin:		12:34
Bottom:		
End:		12:50

START POSITION (GPS)
LAT: 4828.86
LONG: 12515.21

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 4828.80
LONG: 12514.91

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LB 06

UTC DATE y/m/d: 2000/05/06
CAST NUMBER: 24

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												O ₂	Time
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
								OXY		CHL		C13		NAW						
1	92	1301		D-20	105	✓	✓	✓	✓					✓					2173	182
2	93	1302		75		✓	✓	✓	✓					✓					3.238	210
3	94	1303		50		✓		✓	✓	✓				✓					4.971	201
4	95	1304		30		✓		✓	✓	✓				✓					6.434	193
5	96	1305		20		✓		✓	✓	✓				✓					6.798	202
6	97	1306		10		✓		✓	✓	✓				✓					6.962	219
7	98	1307		5		✓		✓	✓					✓					6.985	208
8	99	1308		0		✓		✓	✓	✓				✓					6.992	209
9																				
10																				
11																				
12																				
13																				
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19																				
20																				
21																				
22																				
23																				
24																				

Comments:

ENTERED BY:
CHECKED BY:

110
Bottom Depth: 112

Cast # down: 24
Cast # up:

Time	LOC	UTC
Begin:		1403
Bottom:		1406
End:		1417

START POSITION (GPS)
LAT: 48 32 07
LONG: 125 15 59

BOTTOM POSITION (GPS)
LAT: 48 32 02
LONG: 125 15 57

END POSITION (GPS)
LAT: 48 31 94
LONG: 125 15 63

ROSETTE LOG

MISSION ID:

2000-08

UTC DATE y/m/d:

2000/05/06

SHIP:

TULLY

STATION NAME:

LB02

CAST NUMBER:

28

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		NH4				
1	108	1322		8-5	50	✓	✓	✓	✓	✓			✓				5.003	198
2	109	1323		30	30	✓		✓	✓	✓			✓				5.057	198
3	110	1324		20	20	✓		✓	✓	✓			✓				5.776	189
4	111	1325		10	10	✓		✓	✓	✓			✓				6.931	209
5	112	1326		5	5	✓		✓	✓				✓	pan			7.282	184
6	113	1327		0	2	✓		✓	✓	✓			✓				7.208	243
7																		
8																		
9																		
10																		
11																		
12																		
13																		
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15																		
16																		
17																		
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19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

55

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1632

Bottom: 1635

End: 1640

START POSITION (GPS)

LAT: 48 39 03

LONG: 125 02 57

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LB 04

UTC DATE y/m/d: 2000/05/06
CAST NUMBER: 29

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										O ₂	Time
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		NH ₄			
1	100			B-5	104	✓	✓	✓						✓			3.121	209
2	101			75	75	✓	✓	✓						✓			4.236	194
3	102	-		50	51	✓		✓		✓				✓			6.032	201
4	103			30	30	✓		✓		✓				✓			6.176	196
5	104			20	18	✓		✓		✓				✓			5.944	209
6	105			10	9	✓		✓		✓				✓			6.916	213
7	106			5	4	✓		✓						✓			7.032	201
8	107			0	2	✓		✓		✓				✓			7.522	227
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 111.

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1718
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 35.76
LONG: 125 08.85

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Compass Contour a Computer
4/25 Lt #4.

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LCG 2

UTC DATE y/m/d: 00/05/06
CAST NUMBER: 30

SHIP:

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION		Samples taken											
Trip	Confirmed	SAL		NUT		ALK		TCO					
pressure	Salinity		OXY		CHL		C13		1114			02	Time

1	114			100		✓			✓				4510	194
2	115			75		✓			✓				5.085	189
3	116			50		✓			✓				5.382	201
4	117			30		✓			✓				6.095	205
5	118			20		✓			✓				6.641	212
6	119			10		✓			✓				7.227	205
7	120			5		✓							7.377	205
8	121			0		✓		✓	✓	✓		✓	7.379	205
9														
10														
11														
12														
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19														
20														
21														
22														
23														
24														

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1937
Bottom:		
End:		

START POSITION (GPS)

LAT: 48.81430
LONG: -125.51676

BOTTOM POSITION (GPS)

LAT:
LONG:

END POSITION (GPS)

LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LC04

UTC DATE y/m/d: 00/05/06
CAST NUMBER: 32

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		174/Phy				
1	122				162	✓		✓	✓					✓			4.023	191
2	123				150	✓											4.235	174
3	124				125	✓											4.145	205
4	125				100	✓											4.435	186
5	126				75	✓											5.065	204
6	127				50	✓				✓				✓			4.956	209
7	128				30	✓				✓							1905	190
8	129				20	✓				(recal)				✓			5.780	check
9	130				10	✓				✓				✓			6.873	199
10	131				5	✓											7.314	213
11	132				0	✓			✓	✓	✓			✓			2.449	201
12																		
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21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 165

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		2117
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 4356
LONG: 125 4077

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2000-08

UTC DATE y/m/d: 00/05/06

SHIP: TULLY

STATION NAME: L006

CAST NUMBER: 35

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION
Trip Confirmed
pressure Salinity

Samples taken
SAL NUT ALK TCO
OXY CHL C13 NH4

1	133				85	✓		✓	✓					✓			4836	210
2	134				75	✓			✓					✓			4970	
3	135				50	✓				✓				✓			5632	
4	136				30	✓				✓				✓			5718	
5	137				20	✓				✓				✓			6859	
6	138				10	✓				✓		1.332		✓			7272	pool
7	139				5	✓				✓				✓			7383	
8	140				0	✓		✓	✓	✓				✓			7393	
9																		
10																		
11																		
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20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 90

Cast # down: 35

Cast # up: 35

Time LOC UTC

Begin: 2333

Bottom: 2337

End: 2347

START POSITION (GPS)

LAT: 48 36 53

LONG: 125 53 77

BOTTOM POSITION (GPS)

LAT: 48 36 46

LONG: 125 53 81

END POSITION (GPS)

LAT: 48 36 44

LONG: 125 53 87

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: A1(LC08)UTC DATE y/m/d: 2000/05/07
CAST NUMBER: 38

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		NH4				
1	141			B-20	185	✓	✓		✓					✓				
2	142			175		✓	✓											
3	143			150		✓												
4	144			125		✓												
5	145			100		✓												
6	146			75		✓										6.04		
7	147			50		✓				✓								
8	148			30		✓				✓						7.15	1/6 & 1/2 ok	
9	149			20		✓				✓						7.14		
10	150			10		✓				✓						7.22		
11	151			5												7.05		
12	152			0					✓	✓	✓					7.18		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

197 m

Bottom Depth: 197

Cast # down: 38

Cast # up:

Time LOC UTC

Begin: 0158

Bottom: 0203

End: 0221

START POSITION (GPS)

LAT: 48 29 64

LONG: 126 06 93

BOTTOM POSITION (GPS)

LAT: 48 29 68

LONG: 126 06 90

END POSITION (GPS)

LAT: 48 29 78

LONG: 126 06 78

using new program

Comments:

wrong V6 and V2 values

C:\oxy\data\2008\

have program display DO (ml/l) to 3 decimal places.

more buttons for "DO Titration" and "Blank" up now, away from "Zero" button
the oxy file does not clear previous cast data.

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LC09(A3)

UTC DATE y/m/d: 2000/5/7
CAST NUMBER: 43

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		PH			
								OXY		CHL		C13		NH4				
1	153			B-5	600	✓	✓	✓						✓				
2	154			500	500	✓	✓		✓					✓				
3	155			400	400	✓											1.25	
4	156			300	300	✓			✓					✓			1.87	
5	157			200	200	✓			✓					✓			2.77	
6	158			175	175	✓											2.96	
7	159			150	150	✓											3.14	
8	160			125	125	✓											3.74	
9	161			100	101	✓			✓					✓			4.94	
10	162			75	75	✓											6.61	
11	163			50	50	✓			✓	✓				✓	✓		7.14	
12	164			30	30	✓			✓	✓				✓			7.22	
13	165			20	21	✓			✓	✓				✓			7.19	
14	166			10	10	✓			✓	✓				✓	✓		7.17	
15	167			5	5	✓			✓								7.14	
16	168			0	2	✓		✓	✓	✓				✓	✓		7.16	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 600.

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0535
Bottom:		0546
End:		0637

START POSITION (GPS)
LAT: 48 26.01
LONG: 126 13.62

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LC11.UTC DATE y/m/d: 2000/05/07
CAST NUMBER: 46.

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
				1607m				OXY		CHL		C13		NA4				
1	169			1470		✓	✓	✓									.87	
2	170			1200		✓	✓		✓				✓				.42	
3	171			1000		✓	✓		✓				✓				.29	
4	172			800		✓	✓		✓				✓				.26	
5	173			600		✓	✓		✓				✓				.48	
6	174			500		✓											.81	
7	175			400		✓			✓				✓				1.23	
8	176			300		✓											1.89	
9	177			200		✓			✓				✓				2.46	
10	178			175		✓											2.60	
11	179			150		✓			✓				✓					
12	180			125		✓											3.30	
13	181			100		✓			✓				✓				4.93	
14	182			75		✓			✓				✓				6.79	
15	183			50		✓			✓	✓			✓				7.11	
16	184			30		✓			✓	✓			✓				7.13	
17	185			20		✓			✓	✓			✓				7.17	
18	186			10		✓			✓	✓			✓				7.26	
19	187			5		✓			✓				✓				7.16	
20	188			0			✓	✓	✓				✓				7.24	
21																		
22																		
23																		
24																		

Comments: 179 O2 flask not filled correctly (not full)

ENTERED BY:

CHECKED BY:

Bottom Depth: 1607

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0857

Bottom:

End:

START POSITION (GPS)

LAT: 48 18.87LONG: 126 26.95

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

new oxygen program
used.

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LC 12 (A4)UTC DATE y/m/d: 2000/05/07
CAST NUMBER: 47

SHIP: TULLY

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION		Samples taken										END PT	
Trip	Confirmed	SAL	NUT	ALK	TCO							DOSE	m/p
pressure	Salinity	OXY	CHL	C13									
1	189	1322	-	1500?	1675	✓	✓					0.96	
2	190	1323	-	1200		✓	✓				✓	0.43	
3	191	1324	-	1000		✓	✓				✓	0.31	
4	192	1325	-	800		✓	✓				✓	0.26	
5	193	1326	-	600		✓	✓				✓	0.49	
6	194	1327	-	500		✓						0.84	
7	195	1328	-	400		✓	✓				✓	1.26	
8	196	1329	-	300		✓						1.85	
9	197	1330	-	200		✓	✓				✓	2.62	
10	198	1331	✓	175		✓						2.70	
11	199	1332	✓	150		✓	✓				✓	2.84	
12	200	1333	✓	125		✓						3.59	
13	201	1334	✓	100		✓	✓				✓	5.05	
14	202	1335	✓	75		✓	✓				✓ (Net)	6.36	
15	203	1336	✓	50		✓	✓	✓			✓	6.97	
16	204	1337	✓	30		✓	✓	✓			✓	6.98	
17	205	1338	✓	20		✓	✓	✓			✓	7.24	
18	206	1339	✓	10		✓	✓	✓			✓	7.24	
19	207	1340	✓	5		✓	✓				✓	7.16	
20	208	1341		0		✓	✓	✓			✓	7.19	
21													
22													
23													
24													

ENTERED BY:

CHECKED BY:

Bottom Depth: 2550

Cast # down: 47

Cast # up:

Time LOC UTC

Begin: 1117

Bottom:

End: 1246

START POSITION (GPS)

LAT: 48 15 03

LONG: 126 40 10

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 15 35

LONG: 126 41 03

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LDI

UTC DATE y/m/d: 2000/5/7
CAST NUMBER: 49

SHIP: I.P. TULLY
1-600-701-6105

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
								OXY		CHL		C13		NH4						
1	209			1500	1500	✓	✓	✓											.67	
2	210			1200	1200	✓	✓	✓											.37	
3	211			1000	1003	✓	✓	✓											.39	
4	212			800	802	✓	✓	✓											.26	
5	213			600	600	✓	✓	✓	✓				✓						.52	
6	214			500	502	✓		✓											.93	
7	215			400	401	✓		✓	✓				✓						1.60	
8	216			300	300	✓		✓											2.20	
9	217			200	200	✓		✓	✓				✓						2.69	
10	218			175	174	✓		✓											2.55	
11	219			150	150	✓		✓	✓				✓						2.67	
12	220			125	125	✓		✓											2.73	
13	221			100	100	✓		✓	✓				✓						3.29	
14	222			75	75	✓		✓	✓				✓						4.61	
15	223			50	49	✓		✓	✓	✓			✓						7.01	
16	224			30	29	✓		✓	✓	✓			✓						7.04	
17	225			20	19	✓		✓	✓	✓			✓						7.18	
18	226			10	10	✓		✓	✓	✓			✓						7.24	
19	227			5	5	✓		✓	✓				✓						7.18	
20	228			0	2	✓		✓	✓	✓			✓						7.18	
21																				
22																				
23																				
24																				

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 1592

Cast # down: 49
Cast # up:

Time	LOC	UTC
Begin:		1505
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 28.80
LONG: 126 42.74

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: MPO4UTC DATE y/m/d: 2000/5/7
CAST NUMBER: 50SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		Cl3		NH4				
→ 1	229	1322		1000	1002	✓		✓	✓								average flask #	.26
2	230	1323		800	800	✓		✓										.25
3	231	1324		600	601	✓				✓				✓				.53
4	232	1325		500	500	✓												.74
5	233	1326		400	400	✓				✓				✓				1.34
6	234	1327		300	300	✓												2.03
7	235	1328		200	200	✓				✓				✓				2.50
8	236	1329		175	174	✓												2.57
9	237	1320		150	151	✓				✓				✓				2.83
10	238	1321		125	125	✓												3.50
11	239	1332		100	101	✓				✓				✓				4.44
12	240	1333		75	75	✓				✓				✓				6.70
13	241	1334		50	50	✓				✓	✓			✓				6.85
14	242	1335		30	31	✓				✓	✓			✓				7.06
15	243	1336		20	21	✓				✓	✓			✓				7.22
16	244	1337		10	11	✓				✓	✓			✓				7.26
17	245	1338		5	6	✓				✓				✓				7.30
18	246	1339		0	1	✓				✓	✓			✓				7.32
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 1320Cast # down: 50

Cast # up:

Time LOC UTC

Begin: 1738Bottom: 1757

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 39.04LONG: 126 40.05

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 105 2000 -08
STATION NAME: 906

UTC DATE y/m/d: 2000/05/08
CAST NUMBER: 63

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
								OXY		CHL		C13		NH4						
1	247.	1291		1000	1003	✓	-	✓											.28	
2	248	1292		800		✓	-	✓											.27	
3	249	1293		600		✓	-	✓	✓				✓						.48	
4	250	1294		500		✓	-	✓											.83	
5	251	1295		400		✓	-	✓					✓						1.24	
6	252	1297		300		✓	-	✓										-	1.69	
7	253	1298		200		✓	-	✓					✓						2.63	
8	254	1299		175		✓	-	✓											2.67	
9	255	1300		150		✓	-	✓					✓						2.94	
10	256	1301		125		✓	-	✓											3.30	
11	257	1302		100		✓	-	✓					✓						4.47	
12	258	1303		75		✓	-	✓					✓						6.59	
13	259	1304		50		✓	-	✓	✓				✓						7.26	
14	260	1305		30		✓	-	✓	✓				✓						7.34	
15	261	1306		20		✓	-	✓	✓				✓						7.30	
16	262	1307		10		✓	-	✓	✓				✓						7.33	
17	263	1308		5		✓	-	✓					✓						7.33	
18	264	1309		0			-	✓	✓	✓			✓						7.23	
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY:
CHECKED BY:

Bottom Depth: 2548

Cast # down: 63

Cast # up:

Time	LOC	UTC
Begin:		0056
Bottom:		0112
End:		0156

START POSITION (GPS)		
LAT:	48	44 52
LONG:	127	40 07

BOTTOM POSITION (GPS)		
LAT:	48	44 58
LONG:	127	40 07

END POSITION (GPS)		
LAT:	48	45 06
LONG:	127	40 09

Comments:

ROSETTE LOG

MISSION ID:

2000-08

UTC DATE y/m/d:

2000/1/8

STATION NAME:

MP 08

CAST NUMBER:

68

SHIP:

Niskin
No.Sample
No.OXY.
FlaskOXY.
Temp.Sample
Depth

ROSETTE OPERATION

Trip
pressureConfirmed
Salinity

SAL

OXY

NUT

CHL

ALK

C13

TCO

NH₄

Samples taken

1	265	1322	0.31	1000	1002	✓	✓	✓											
2	266	1323	0.25	800	801	✓	✓	✓											
3	267	1324	0.41	600	600	✓	✓	✓						✓					
4	268	1325	0.66	500	500	✓	✓	✓											
5	269	1326	1.05	400	402	✓	✓	✓						✓					
6	270	1327	1.71	300	299	✓	✓	✓						✓					
7	271	1328	2.86	200	200	✓	✓	✓											
8	272	1329	3.18	175	175	✓	✓	✓											
9	273	1330	3.18	150	150	✓	✓	✓						✓					
10	274	1331	4.00	125		✓	✓	✓											
11	275	1332	5.47	100		✓	✓	✓						✓					
12	276	1333	7.10	75		✓	✓	✓						✓					
13	277	1334	7.29	50		✓	✓	✓	✓					✓					
14	278	1335	7.53	30		✓	✓	✓	✓					✓					
15	279	1336	7.31	20		✓	✓	✓	✓					✓					
16	280	1337	7.23	10		✓	✓	✓	✓					✓					
17	291	1338	7.25	5		✓	✓	✓						✓					
18	292	1339	7.20	0		✓	✓	✓	✓					✓					
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 2520

Cast # down: 68

Cast # up:

Time LOC UTC

Begin:

Bottom: 0620

End: 0704

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 49.14

LONG: 128 39.86

END POSITION (GPS)

LAT: 48 49.10

LONG: 128 40.42

ROSETTE LOG

MISSION ID:**STATION NAME:**

UTC DATE y/m/d:

CAST NUMBER:

SHIP: J P TULLY

[illegible]

ENTERED BY:

CHECKED BY:

Bottom Depth: 2185

Cast # down: 71

Cast # up:

Time	LOC	UTC
------	-----	-----

Begin: 1534

Bottom: 1550

End: 1649

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 52.51

LONG: 128 11 22

END POSITION (GPS)

LAT:

LONG:

Comments: *Deleted 22 most lines*

Sample 298 Had to restart program, colorimeter not responding

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LBP6UTC DATE y/m/d: 2000/5/8
CAST NUMBER: 73SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		N/4				
1	303			B-10	705	✓	✓	✓									.34	
2	304			600	600	✓	✓		✓				✓				.45	
3	305			500	497	✓											.71	
4	306			400	401	✓			✓				✓				1.09	
5	307			300	302	✓											1.75	
6	308			200	203	✓			✓				✓				2.31	
7	309			175	173	✓											2.33	
8	310			150	150	✓			✓				✓				2.48	
9	311			125	126	✓											3.20	
10	312			100	101	✓			✓				✓				3.90	
11	313			75	76	✓			✓				✓				5.67	
12	314			50	50	✓			✓	✓			✓				6.58	
13	315			30	31	✓			✓	✓			✓				6.82	
14	316			20	20	✓			✓	✓			✓				6.81	
15	317			10	10	✓			✓	✓			✓				6.80	
16	318			5	4	✓			✓				✓				6.96	
17	319			0	2	✓		✓	✓	✓			✓				7.02	
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: CHECKED BY: Bottom Depth: 750Cast # down: Cast # up:

Time	LOC	UTC
Begin:		1806
Bottom:		1820
End:		1846

START POSITION (GPS)

LAT: LONG:

BOTTOM POSITION (GPS)

LAT: 4956.59LONG: 12805.38

END POSITION (GPS)

LAT: LONG:

ROSETTE LOG

MISSION ID:

2000/08

UTC DATE y/m/d:

2000/05/08

SHIP: TULLY

STATION NAME:

LBP4

CAST NUMBER:

76.

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		NH4				
1	320	1352	0.51	8-20	11/11	✓	✓	✓										
2	321	1353	0.41	1000		✓	✓											
3	322	1354	0.33	800		✓	✓											
4	323	1355	0.39	600		✓	✓		✓				✓					
5	324	1356	0.68	500		✓	✓											
6	325	1357	1.05	400		✓			✓				✓					
7	326	1358	1.61	300		✓			✓									
8	327	1359	2.22	200		✓			✓				✓					
9	328	1360	2.56	175		✓												
10	329	1361	2.64	150		✓			✓				✓					
11	330	1362	2.88	125		✓			✓									
12	331	1363	4.23	100		✓			✓				✓					
13	332	1364	6.75	75		✓			✓				✓					
14	333	1365	6.35	50		✓			✓	✓			✓					
15	334	1366	6.30	30		✓			✓	✓			✓					
16	335	1367	6.42	20		✓			✓	✓			✓					
17	336	1368	6.75	10		✓			✓	✓			✓					
18	337	1369	6.90	5		✓							✓					
19	338	1370	6.93	0		✓		✓	✓	✓			✓					
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: DFM

CHECKED BY:

Bottom Depth: 1150

Cast # down:

Cast # up:

Time LOC UTC

Begin: 2105

Bottom: 2125

End: 2206

START POSITION (GPS)

LAT: 50 01.26

LONG: 127 58.32

BOTTOM POSITION (GPS)

LAT: 50 01.32

LONG: 127 58.63

END POSITION (GPS)

LAT: 50° 01.57

LONG: 127° 59.53

ROSETTE LOG

MISSION ID: 2000/08
STATION NAME: LB R2

UTC DATE y/m/d: 2000/05/
CAST NUMBER: 79

SHIP: JP TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		✓ ✓ ✓ Samples taken ✓											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		NH4	PH/10			
1	339	1291	4.05	90		✓			✓	✓				✓				
2	340	1292	5.41	75		✓			✓					✓				
3	341	1293	6.50	50		✓			✓	✓				✓	✓			
4	342	1294	6.27	30		✓			✓	✓				✓				
5	343	1295	6.51	20		✓			✓	✓				✓				
6	344	1297	7.26	10		✓			✓	✓				✓	✓			
7	345	1298	8.34	5		✓			✓					✓				
8	346	1299	8.66	0		✓			✓	✓	✓			✓				
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 103

Cast # down: 79

Cast # up:

Time	LOC	UTC
Begin:		2344
Bottom:		2346
End:		2358

START POSITION (GPS)
LAT: 50 03 95
LONG: 127 54 31

BOTTOM POSITION (GPS)
LAT: 50 03 98
LONG: 127 54 31

END POSITION (GPS)
LAT: 50 04 02
LONG: 127 54 34

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: C509

UTC DATE y/m/d: 2000/05/09
CAST NUMBER: 87

SHIP: J P TULLY

Niskin No.	Sample No.	OXY. Flask	m/l OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity														
							SAL		NUT		ALK		TCO							
								OXY		CHL		CI3		NH4						
1	347	1291	2.22		190	✓		✓												
2	348	1292	2.09		175	✓														
3	349	1293	3.00		150	✓			✓					✓						
4	350	1294	4.51		125	✓								Recal	check					0/0 +758
5	351	1295	5.44		100	✓														
6	352	1297	6.23		75	✓														
7	353	1298	6.35		50	✓				✓										
8	354	1299	6.34		30	✓				✓										
9	355	1300	6.42		20	✓				✓										
10	356	1301	6.93		10	✓				✓										
11	357	1302	6.84		5	✓														
12	358	1303	6.82		0	✓		✓	✓	✓				✓						
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY:
CHECKED BY:

Bottom Depth: 197

Cast # down: 87
Cast # up:

Time	LOC	UTC
Begin:		1136
Bottom:		1141
End:		1159

START POSITION (GPS)
LAT: 51 12 58
LONG: 128 28 04

BOTTOM POSITION (GPS)
LAT: 51 12 62
LONG: 128 28 03

END POSITION (GPS)
LAT: 51 12 72
LONG: 128 28 04

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: CS07UTC DATE y/m/d: 2006/05/09
CAST NUMBER: 93SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION			Samples taken														
					Trip pressure	Confirmed	Salinity	SAL		NUT		ALK		TCO								
									OXY		CHL		C13		NH4							
1	359	1291		Bottom	55	✓			✓	✓					✓				6.63			
2	360	1292		50		✓			↓	↓	✓				↓				6.53			
3	361	1293		30		✓			↓	↓	↓				↓				6.72			
4	362	1294		20	20.3	✓			↓	↓	↓				↓				6.72	am bottle		
5	363	1295		10	10.5				↓	↓	↓				↓				6.76			
6	364	1297		5	4.8				↓	↓	↓				↓				6.76			
7	365	1298		0	1.5				↓	↓	✓				↓				6.75			
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						

ENTERED BY:
CHECKED BY:Bottom Depth: 66Cast # down: 93

Cast # up:

Time	LOC	UTC
Begin:		1446
Bottom:		1447
End:		

START POSITION (GPS)		
LAT:	51 04 49	
LONG:	128 44 25	

BOTTOM POSITION (GPS)		
LAT:	51 04 50	
LONG:	128 44 28	

END POSITION (GPS)		
LAT:	51°04.47	
LONG:	128°44.53	

Comments:

ROSETTE LOG

MISSION ID:

2000-08

UTC DATE y/m/d:

2000/5/8 9

SHIP:

Tully

STATION NAME:

CSIB

CAST NUMBER:

47

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		U4				
1	366			B-5	65	✓	✓	✓	✓				✓				6.37	
2	367			50	50	✓				✓							6.38	
3	368			30	30	✓				✓							6.42	
4	369			20	20	✓				✓							6.52	
5	370			10	10	✓				✓							6.59	
6	371			5	5	✓											6.62	
7	372	*		0	2	✓		✓	✓	✓			✓				6.67	
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: * @ stopped popped out - resampled after the rest of the sampling

ENTERED BY:

CHECKED BY:

Bottom Depth: 71

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1743

Bottom:

End: 1752

START POSITION (GPS)

LAT: 50 53.01

LONG: 128 40.02

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID:

2000-08

UTC DATE y/m/d:

2000/5/9

STATION NAME:

CSS (CS23)

CAST NUMBER:

99

SHIP:

Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	373	1322		B-5	55	✓	✓	✓	✓				✓				645	
2	374			50		✓				✓							640	
3	375			30		✓				✓							6.53	
4	376			20		✓				✓							6.54	
5	377			10		✓				✓							6.58	
6	378			5		✓											6.68	
7	379			0				✓	✓	✓			✓				6.70	
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 62

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1952

Bottom:

End:

START POSITION (GPS)

LAT: 5056.14

LONG: 12900.14

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

V6.009.007.003

.005.004

.011.003

Comments:

V2.018

.018

.020.014.017

ROSETTE LOG

MISSION ID: 2000-08

UTC DATE y/m/d: 2000/5/

STATION NAME: CSS

CAST NUMBER: 104

SHIP:

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION		Samples taken											
Trip	Confirmed	SAL		NUT		ALK		TCO					
pressure	Salinity		OXY		CHL		C13		NH4				
1	✓	✓	✓	✓				✓					
2	✓	✓	✓					✓					
3	✓							✓					
4	✓							✓					
5	✓							✓					
6	✓							✓					
7	✓	✓	✓	✓				✓					
8	✓			✓				✓					
9	✓			✓				✓					
10	✓			✓				✓					
11	✓			✓				✓					
12	✓	✓	✓	✓				✓					
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

ENTERED BY:

CHECKED BY:

Bottom Depth: 220

Cast # down: 104

Cast # up:

Time LOC UTC

Begin: 2315

Bottom: 2320

End: 2338

START POSITION (GPS)

LAT: 50 45 65

LONG: 129 19 91

BOTTOM POSITION (GPS)

LAT: 50 45 76

LONG: 129 19 91

END POSITION (GPS)

LAT: 50 45 90

LONG: 129 19 72

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: J122

UTC DATE y/m/d: 00/05/10
CAST NUMBER: 107

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		CI3		NH4				
1	392	1322	0.80	500		✓		✓	✓					✓				
2	393	1323	1.30	400		✓			✓					✓				
3	394	1324	1.74	300		✓												
4	395	1325	2.69	200		✓			✓					✓				
5	396	1326	2.83	175		✓												
6	397	1327	2.96	150		✓			✓					✓				
7	398	1328	3.49	125		✓												
8	399	1329	4.12	100		✓			✓					✓				
9	400	1330	6.68	75		✓			✓					✓				
10	401	1331	6.92	50		✓			✓	✓				✓				
11	402	1332	6.96	30		✓			✓	✓				✓				
12	403	1333	6.97	20		✓			✓	✓				✓				
13	404	1334	7.56	10		✓			✓	✓				✓				
14	405	1335	7.61	5		✓			✓					✓				
15	406	1336	7.58	0		✓		✓	✓	✓				✓				
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: ~ 140

Cast # down: 107
Cast # up:

Time	LOC	UTC
Begin:		0104
Bottom:		0112
End:		0139

START POSITION (GPS)
LAT: 50 39 89
LONG: 129 17 62

BOTTOM POSITION (GPS)
LAT: 50 40 00
LONG: 129 17 61

END POSITION (GPS)
LAT: 50 40 24
LONG: 129 17 62

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: CS1UTC DATE y/m/d: 2000-5-9
CAST NUMBER: 113SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO						
								OXY		CHL		C13		NH ₄					
1	407	1291		500	501	✓		✓	✓	✓					✓			90	
2	408	1292		400	401	✓		✓		✓					✓			1.37	
3	409	1293		300	301	✓												1.95	
4	410	1294		200	202	✓				✓					✓			2.80	
5	411	1295		175	175	✓												3.19	
6	412	1297		150	151	✓				✓					✓			3.62	
7	413	1298		125	126	✓												4.13	
8	414	1299		100	100	✓				✓					✓			6.03	
9	415	1300		75	76	✓				✓					✓			6.70	
10	416	1301		50	50	✓				✓	✓				✓			6.97	
11	417	1302		30	31	✓				✓	✓				✓			7.00	
12	418	1303		20	21	✓				✓	✓				✓			7.10	
13	419	1304		10	10	✓				✓	✓				✓			7.08	
14	420	1305		5	5	✓				✓					✓			7.07	
15	421	1306		0	1	✓		✓	✓	✓					✓			7.02	
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0508
Bottom:		0518
End:		0536

START POSITION (GPS)	
LAT:	
LONG:	

BOTTOM POSITION (GPS)	
LAT:	50 34.97
LONG:	129 41.51

END POSITION (GPS)	
LAT:	
LONG:	

Comments:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: C53BUTC DATE y/m/d: 2000/5/10
CAST NUMBER: 120SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	422	1322	2.32	B-20	210	✓	✓	✓	✓				✓					
2	423	1323	2.76	175		✓												
3	424	1324	3.52	150		✓												
4	425	1325	5.16	125		✓												
5	426	1326	6.79	100		✓												
6	427	1327	6.49	75		✓												
7	428	1328	6.44	50		✓				✓								
8	429	1329	6.81	30		✓				✓								
9	430	1330	6.81	20		✓				✓								
10	431	1331	6.82	10		✓				✓								
11	432	1332	6.82	5		✓												
12	433	1333	6.82	0				✓	✓	✓			✓					
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 220Cast # down: 120

Cast # up:

Time LOC UTC

Begin: 1157Bottom: 1202End: 1215

START POSITION (GPS)

LAT: 50 00 09LONG: 129 26 94

BOTTOM POSITION (GPS)

LAT: 50 00 13LONG: 129 26 98

END POSITION (GPS)

LAT: 5000 22LONG: 129 26 14

ROSETTE LOG

MISSION ID:

2000-08

UTC DATE y/m/d:

2000/05/11

STATION NAME:

L34

CAST NUMBER:

126

SHIP:

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION			Samples taken													
Trip	Confirmed		SAL		NUT		ALK		TCO							
pressure	Salinity			OXY		CHL		C13		NH4					02	
1	434	1322				B-20	✓	150		✓	✓					262
2	435	1323				125	✓			✓	✓					309
3	436	1324				100	✓			✓	✓					422
4	437	1325				75	✓			✓	✓					581
5	438	1326				50	✓			✓	✓	✓				681
6	439	1327				30	✓			✓	✓	✓				691
7	440	1328				20	✓			✓	✓	✓				692
8	441	1329				10	✓			✓	✓	✓				691
9	442	1330				5				✓	✓	✓				692
10	443	1331				0				✓	✓	✓				690
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

ENTERED BY:

CHECKED BY:

Bottom Depth: 157

Cast # down: 126

Cast # up:

Time LOC UTC

Begin: 0200

Bottom: 0204

End: 0216

START POSITION (GPS)

LAT: 49 35 62

LONG: 127 17 20

BOTTOM POSITION (GPS)

LAT: 49 35 65

LONG: 127 17 28

END POSITION (GPS)

LAT: 49 35 70

LONG: 127 17 47

Comments:

ROSETTE LOG

MISSION ID: 2000-08

UTC DATE y/m/d: 2000/05/11

SHIP:

STATION NAME: L36

CAST NUMBER: 128

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken															
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		NH ₄							
1	444	1291		950	953	✓		✓	✓												.25	
2	445			800	799	✓		✓													.29	
3	446			600	600	✓		✓		✓						✓					.48	
4	447			500	500	✓		✓													.75	
5	448			400	401	✓				✓						✓					1.15	
6	449			300	300	✓															1.78	
7	450			200	201	✓				✓						✓					2.59	
8	451			175	177	✓															2.81	
9	452			150	150	✓				✓						✓					3.23	
10	453			125	127	✓															3.71	
11	454			100	102	✓				✓						✓					4.45	
12	455			75	75	✓				✓						✓					5.94	
13	456			50	51	✓				✓	✓					✓					6.77	
14	457			30	31	✓				✓	✓					✓					6.94	
15	458			20	20	✓				✓	✓					✓					7.29	
16	459			10	10	✓				✓	✓					✓					7.25	
17	460			5	5	✓					x2										7.23	
18	461			0	1	✓			✓	✓	✓					✓					7.23	
19																						
20																						
21																						
22																						
23																						
24																						

ENTERED BY:

CHECKED BY:

Bottom Depth: 1000.

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0359

Bottom:

End: 0440

START POSITION (GPS)

LAT: 49 28.03

LONG: 127 28.68

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 49 28.25

LONG: 127 29.63

Comments:

02 samples not shaken correctly Large precipitate required additional acid

ROSETTE LOG

MISSION ID:

2000-08

UTC DATE y/m/d:

2000-5-11

SHIP:

STATION NAME:

L508

CAST NUMBER:

130

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		Cl3		NH4				
1	462	1334		1000		✓	✓	✓	✓								28	
2	463	1335		800		✓	✓	✓									24	
3	464	1336		600		✓	✓	✓	✓				✓				42	
4	465	1337		500		✓	✓	✓									67	
5	466	1338		400		✓			✓				✓				1.13	
6	467	1339		300		✓											1.81	
7	468	1340		200		✓			✓				✓				2.64	
8	469	1341		175		✓				✓							3.06	
9	470	1342		150		✓				✓			✓				3.45	
10	471	1343		125		✓											4.14	
11	472	1344		100		✓				✓			✓				5.27	
12	473	1345		75		✓				✓			✓				6.67	
13	474	1346		50		✓				✓	✓		✓				6.83	
14	475	1347		30		✓				✓	✓		✓				6.90	
15	476	1348		20		✓				✓	✓		✓				7.01	
16	477	1349		10		✓				✓	✓		✓				7.03	
17	478	1350		5		✓											6.97	
18	479	1351		0	3.8	✓			✓	✓			✓				6.98	
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 1750

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0637

Bottom: 0653

End: 0731

START POSITION (GPS)

LAT: 49 20 12

LONG: 127 40 88

BOTTOM POSITION (GPS)

LAT: 49 20 17

LONG: 127 40.91

END POSITION (GPS)

LAT: 49 20.21

LONG: 127 41.02

ROSETTE LOG

MISSION ID: 2000 - 08
STATION NAME: LG 09UTC DATE y/m/d: 2000/05/11
CAST NUMBER: 132SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		M4				
1	480	1291		1000	1002	✓	✓	✓									.34	
2	481	1292		800		✓	✓	✓									.25	
3	482	1293		600		✓	✓	✓	✓				✓				.44	
4	483	1294		500		✓	✓	✓									.73	
5	484	1295		400		✓		✓	✓				✓				1.20	
6	485	1297		300		✓		✓									1.77	
7	486	1298		200		✓		✓	✓				✓				2.57	
8	487	1299		175		✓		✓									2.71	
9	488	1300		150		✓		✓	✓				✓				3.11	
10	489	1301		125		✓		✓									3.54	
11	490	1302		100		✓		✓	✓				✓				4.50	
12	491	1303		75		✓		✓	✓				✓				6.09	*
13	492	1304		50		✓		✓	✓	✓			✓				6.85	✓
14	493	1305		30		✓		✓	✓	✓			✓				6.85	✓
15	494	1306		20		✓		✓	✓	✓			✓				6.90	✓
16	495	1307		10		✓		✓	✓	✓			✓				6.89	✓
17	496	1308		5		✓		✓	✓				✓				6.90	✓
18	497	1309		0		✓		✓	✓	✓			✓				6.90	✓
19																		
20																		
21																		
22																		
23																		
24																		

Comments: O₂ samples 491 to 497 not taken well enough after picklingENTERED BY: CHECKED BY: Bottom Depth: Cast # down: 132Cast # up:

Time LOC UTC

Begin: 11 32Bottom: End: 11 50

START POSITION (GPS)

LAT: 48 51 28LONG: 127 19 21

BOTTOM POSITION (GPS)

LAT: LONG:

END POSITION (GPS)

LAT: 48 51 16LONG: 127 19 24

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LG07UTC DATE y/m/d: 2000/05/11CAST NUMBER: 134SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		PH			
								OXY		CHL		C13		NH4				
1	498	1322		1000	1001	✓	✓	✓									.31	
2	499	1323		800	800	✓	✓										.28	
3	500	1324		600	600	✓	✓		✓				✓				.47	
4	501	1325		500	499	✓	✓										.64	
5	502	1326		400	400	✓			✓				✓				1.02	
6	503	1327		300	301	✓											1.73	
7	504	1328		200	201	✓			✓				✓				2.43	
8	505	1329		175	175	✓											2.57	
9	506	1330		150	150	✓			✓				✓				2.75	
10	507	1331		125	125	✓											3.73	
11	508	1332		100	101	✓			✓				✓				5.00	
12	509	1333		75	75	✓			✓				✓				6.42	
13	510	1334		50	50	✓			✓	✓			✓	✓			6.79	
14	511	1335		30	29	✓			✓	✓			✓				6.90	
15	512	1336		20	20	✓			✓	✓			✓				7.04	
16	513	1337		10	10	✓			✓	✓			✓	✓			7.12	
17	514	1338		5	5	✓			✓				✓				7.10	
18	515	1339		0	0	✓			✓	✓			✓				7.11	
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 1061Cast # down: 134

Cast # up:

Time LOC UTC

Begin: 1434Bottom: 1452End: 1529

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 59 54LONG: 127 07.19

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 0008
STATION NAME: LG 4UTC DATE y/m/d: 2000/05/11
CAST NUMBER: 137SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		NH ₄				
1	516	1340		B-10	135	✓		✓	✓				✓				2.38	
2	517	1341		100	100	✓		✓	✓				✓				3.91	
3	518	1342		75	75	✓		✓	✓				✓				5.38	
4	519	1343		50	50	✓		✓	✓	✓			✓				6.58	
→ 5	520	1344		30	30	✓		✓	✓	✓			✓				6.79	poor low
6	521	1345		20	20	✓		✓	✓	✓			✓				6.19	
7	522	1346		10	10	✓		✓	✓	✓			✓				6.24	
8	523	1347		5	5	✓		✓									6.81	
9	524	1348		0				✓	✓	✓			✓				6.81	
10																		
11																		
12																		
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23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 145

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1821
Bottom:		1825
End:		1834

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 11 35LONG: 126 49 52

END POSITION (GPS)

LAT:

LONG:

Comments:

0.2 for sample 525, an little on colorimeter

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: L & 3UTC DATE y/m/d: 2000/05/11
CAST NUMBER: 139SHIP:

112

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION		/ Samples taken									
Trip	Confirmed	SAL		NUT		ALK		TCO			
pressure	Salinity		OXY		CHL		C13		NH ₄		

1	525	1352	4.21	100		✓		✓	✓					✓					
2	526	1353	6.53	75		✓		✓						✓					
3	527	1354	6.75	50		✓		✓	✓					✓					
4	528	1355	5.94	30		✓		✓	✓					✓					
5	529	1356	6.28	20		✓		✓	✓					✓					
6	530	1357	7.19	10		✓		✓	✓					✓					
7	531	1358	7.14	5		✓													
8	532	1359	7.10	0		✓		✓	✓					✓					
9																			
10																			
11																			
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24																			

ENTERED BY: CHECKED BY: Bottom Depth: 111Cast # down: 139Cast # up:

Time LOC UTC

Begin: 1948Bottom: 1950End: 2002

START POSITION (GPS)

LAT: LONG:

BOTTOM POSITION (GPS)

LAT: 47 15.25LONG: 126 44.08

END POSITION (GPS)

LAT: LONG: Comments:

ROSETTE LOG

MISSION ID: 2000-08

UTC DATE y/m/d: 2000/05/12

SHIP:

STATION NAME: LD08

CAST NUMBER: 142

760 m.

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth
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ROSETTE OPERATION		Samples taken															
Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO									
		OXY		CHL		C13		NH ₄									
1	533	1322		B-20	770	✓		✓	✓							.28	2002
2	534	1323		600		✓		✓					✓			.41	*
3	535	1324		500		✓										.69	
4	536	1325		400		✓							✓			1.26	
5	537	1326		300		✓										2.01	*
6	538	1327		200		✓							✓			2.74	*
7	539	1328		175		✓										2.78	*
8	540	1329		150		✓							✓			3.13	
9	541	1330		125		✓										3.81	
10	542	1331		100		✓							✓			4.93	
11	543	1332		75		✓							✓			6.59	
12	544	1333		50		✓							✓			6.67	
13	545	1334		30		✓							✓			6.80	
14	546	1335		20		✓							✓			6.88	
15	547	1336		10		✓							✓			7.39	
16	548	1337		5		✓										7.40	
17	549	1338		0	?	✓	✓	✓					✓				
18																	
19																	
20																	
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23																	
24																	

ENTERED BY:

CHECKED BY:

Bottom Depth: 784

Cast # down: 142

Cast # up:

Time	LOC	UTC
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Begin: 0140

Bottom: 0151

End: 0222

START POSITION (GPS)

LAT: 48 39 19

LONG: 126 23 40

BOTTOM POSITION (GPS)

LAT: 48 39 25

LONG: 126 23 46

END POSITION (GPS)

LAT: 48 39 23

LONG: 126 23 55

Comments:

Bottle #17, NO SAMPLE - FORGOT TO TRIGGER BOTTLE @ SURFACE

* O₂ samples not shaken properly.

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: L006UTC DATE y/m/d: 2000/5/12
CAST NUMBER: 143SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13		AP4				
1	550	1352		B-10	128	✓		✓	✓					✓			2.77	
2	551			100	100	✓		✓	✓					✓			3.87	
3	552	-		75	75	✓		✓	✓					✓			6.01	
4	553			50	50	✓		✓	✓	✓				✓			6.29	
5	554			30	30	✓		✓	✓	✓				✓			5.06	
6	555			20	20	✓		✓	✓	✓				✓			5.81	
7	556			10	10	✓		✓	✓	✓				✓			7.02	
8	557			5	5	✓		✓	✓					✓			7.00	
9	558			0	2	✓		✓	✓	✓				✓			7.01	
10																		
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Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: ¹³⁵138

Cast # down: 143

Cast # up:

Time LOC UTC

Begin: 0346

Bottom:

End:

START POSITION (GPS)

LAT: 48 46.30

LONG: 126 10.11

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2000-08
STATION NAME: LDP4UTC DATE y/m/d: 2000/05/12
CAST NUMBER: 144

SHIP:

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION

Trip Confirmed
pressure Salinity

Samples taken

SAL NUT ALK TCO
OXY CHL C13 NH₄ Phyto

1	559	1361		B-10	50	✓		✓	✓	✓				✓	✓	4.55
2	560			30	30	✓		✓	✓	✓				✓		5.33
3	561	-		20	20	✓		✓	✓	✓				✓		5.87
4	562			10	11	✓		✓	✓	✓				✓		5.87
5	563			5	6	✓		✓	✓	✓				✓		6.93
6	564			0	2	✓		✓	✓	✓				✓		6.96
7																
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Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 63.

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0518

Bottom:

End: 0526

START POSITION (GPS)

LAT: 48 53.09LONG: 125 56.97

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID:

2000-08

UTC DATE y/m/d:

2000/5/12

SHIP:

Tully

STATION NAME:

LD92

CAST NUMBER:

146

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										O ₂	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		PHYTO			
								OXY		CHL		C13		NH ₄				
1	565	1346		Bottom - 5	40	✓		✓	✓	✓				✓	✓		5.54	
2	566	1347		30	30	✓		✓	✓	✓				✓			5.75	
3	567	1348		20	20	✓		✓	✓	✓				✓			5.82	
4	568	1349		10	11	✓		✓	✓	✓				✓	✓		6.68	
5	569	1350		5	5	✓		✓									6.92	
6	570	1351		0	2	✓		✓	✓	✓				✓			6.92	
7																		
8																		
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24																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

44.

Cast # down:

Cast # up:

Time LOC UTC

Begin:

0643

Bottom:

End:

START POSITION (GPS)

LAT:

48 58.35

LONG:

125 46.93

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments: